

ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY - WATER QUALITY DIVISION
3033 N. Central Avenue, Phoenix, Arizona 85012

(Submit in duplicate to the **Engineering Review Desk**)

APPLICATION FOR APPROVAL (PROJECT NAME) of swimming pool/spa to serve _____

Physical Address of pool/spa location _____

City Located In/Near _____ County Located In _____

This pool/spa will be constructed and operated in accordance with Arizona Department of Environmental Quality (ADEQ) and Arizona Department of Health Services (ADHS) Regulations Governing the Design, Operation and Maintenance of Public and Semipublic Bathing Places.

Date _____ Owner of Pool/Spa (Print Name) _____

Address _____

City _____ Zip Code _____

Owner of Pool/Spa (Original Signature) _____

Public and Semi-Public Swimming Pools and Spas Governing Regulations: Arizona Administrative Code, Title 18, Chapter 5, Article 2.

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SWIMMING POOL/SPA CONSTRUCTION APPROVAL REQUEST FOR A

Q POOL
Q SPA
Q PUBLIC
Q SEMI PUBLIC

Pool/Spa to Serve: _____
(GIVE NAME OF COMMUNITY, MOTEL, TRAILER PARK, APARTMENT, ETC.)

Pool/Spa Contractor/Engineer: _____ Contact Name: _____

Contractor/Engineer Address: _____ Phone: _____

DESIGN DATA:

Main Pool

Spa / Wading Pool

Pool surface area _____ sq. ft. Surface area _____ sq. ft.
Pool water volume _____ gallons Water Volume _____ gallons
Filtration rate (8 hour turnover) _____ gpm Spa Filtration rate(1/2 hour turnover) _____ gpm
Wading Pool Filtration rate(1 hour turnover) _____ gpm

Total Filter Area Required: Diatomaceous earth filters _____ sq. ft.
Sand filters _____ sq. ft.
Rapid sand filters _____ sq. ft.

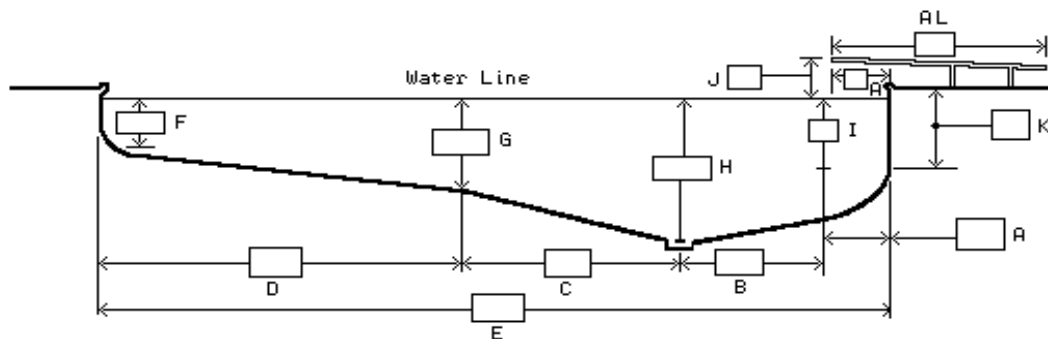
Scum Gutters: **R** yes **R** no Recirculating Skimmers: number _____ mfg. _____ cat. number _____

(SHOW DETAIL ON PLAN)

Total weir length _____ inches

Inlets: number _____ Pump: Distance from main drain _____ ft.
R adjustable type Pump installed _____ ft. **R** above water level
R orifice plate type **R** below

SHAPE OF POOL BOTTOM:



INFORMATION TO BE SHOWN ON PLAN:

1. Plot plan - show north and prevailing wind direction and distance to existing water and sewer mains in the area.
2. Plan of pool - with dimensions.
3. Pool piping arrangement - indicating type and size of pipe and location of all valves.
4. Location of inlets, skimmers, main drain, vacuum hose connection, ladders, steps, depth markers, diving boards, life guard chair, make-up water inlet, life line, point of chlorine application, flow meter, backwash sightglass and other necessary details.
5. Location and profile drawing of filtration equipment - with distance from pool.
6. Method and place of backwash and waste water disposal.
7. Pool deck area - show slope and widths, locate drains if used.
8. Detail of scum gutter if used.
9. If automatic cleaning equipment is to be installed - show piping layout.

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ENGINEERING REVIEW DESK

GENERAL CONSTRUCTION INFORMATION:

Pool Structure: ☐ Gunit ☐ Poured concrete ☐ Other _____

Trim and Finish:

Pool walls and bottom _____

Coping _____

Tile _____

Depth markers at _____ ft. _____ ft. _____ ft. _____ ft. _____ ft. _____ ft. _____ ft.

Decking:

Type _____

Finish _____

Minimum width _____ ft.

Filter Plant: mfg. _____

Pressure sand and gravel filters:

Number _____ Dia. _____

Height in. _____

Total filter area of plant _____ sq. ft.

Circulation rate _____ gpm

Backwash rate _____ gpm

Turnover rate _____ hours

catalog number _____ NSF approval: ☐ yes ☐ no

Diatomaceous earth filters:

Filter elements: ☐ cloth ☐ metal ☐ stone

Number filters _____

☐ pressure type ☐ gravity ☐ vacuum

Total area of filter plant _____ sq. ft.

Circulation rate _____ sq. ft.

Slurry feeder: ☐ yes ☐ no

Filter Accessories:

Air relief valves: ☐ automatic ☐ hand operated ☐ backwash sightglass

Pressure gauges: quantity _____ size _____

Flow meter mfg. _____

Vacuum gauges: quantity _____ size _____

Catalog number _____

Circulating Pump:

Size _____ x _____ hp

Self priming: ☐ yes ☐ no

Circulating rate _____ gpm _____ tdh

Strainer size _____ in.

Backwash rate _____ gpm _____ tdh

Chemical Feeders: mfg. and type _____ Capacity _____ lbs. Quantity _____

Chlorinator: mfg. _____ Capacity _____ lbs. Quantity _____

☐ Gas Type ☐ Electric hypo ☐ Other

☐ Erosion type Erosion rate _____ Chemical used _____

chlorine (mg/l per gallon)

Other Equipment:

Deck area lights Quantity _____ Watts _____

Underwater lights . Quantity _____ Watts _____

Diving boards Quantity _____ Length _____

Ladders Quantity _____ Treads _____

Life guard chairs ... Quantity _____

Life line Quantity _____ Length _____

Floats _____

Ring buoy Quantity _____ Diam. _____

Length rope _____ ft.

Shepherds crook Quantity _____ Handle _____ ft.

Fill spout _____ Dia. _____ Air gap _____ in.

☐ Above deck ☐ Submerged ** ☐ none

Wall brush: Handles _____ length _____ ft.

Leaf skimmer: Handles _____ length _____ ft.

Test sets: Chlor. res. (mfg.) _____

Model _____

pH (mfg.) _____

Model _____

Cyanuric acid (mfg.) _____

Model _____

Vacuum cleaner: Head size _____ Hose size _____

Length _____ mfg. _____

☐ Portable

☐ Integral

Automatic cleaning equipment: ☐ yes ☐ no

mfg. _____

REMARKS: _____

Approved _____

ARIZONA STATE DEPARTMENT OF ENVIRONMENTAL QUALITY

Signed _____

CONTRACTOR / ENGINEER SIGNATURE

Date _____

Address _____

Date _____